

NAME	CITY	STATE	ZIP CODE	COUNTRY
December; Timothy S.	Rochester	MI		

US-CL-CURRENT: 525/278

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC	Draw Desc
Image											

☐ 6. Document ID: US 6342144 B1

L12: Entry 6 of 6

File: USPT

Jan 29, 2002

US-PAT-NO: 6342144

DOCUMENT-IDENTIFIER: US 6342144 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Cured multilayer coating and processing for its production

DATE-ISSUED: January 29, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
December; Timothy S.	Rochester	MI		

US-CL-CURRENT: 204/488; 204/484, 204/486

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC	Draw Desc
Image											

[Generate Collection](#)[Print](#)

Terms	Documents
L11 and ((solvent-based) or (organic adj solvent))	6

**Display Format:** [Change Format](#)[Previous Page](#)[Next Page](#)

L12: Entry 3 of 6

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055575  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020055575 A1

TITLE: Pigment dispersants having anionic functionality for use in anodic electrocoat compositions

PUBLICATION-DATE: May 9, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
December, Timothy S.	Rochester	MI	US	

US-CL-CURRENT: 524/423; 524/495, 528/392

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC	Draw Desc
Image											

☐ 4. Document ID: US 20020014412 A1

L12: Entry 4 of 6

File: PGPB

Feb 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020014412  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020014412 A1

TITLE: Multilayer coating and process for its production

PUBLICATION-DATE: February 7, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
December, Timothy S.	Rochester Hills	MI	US	

US-CL-CURRENT: 204/484; 204/493, 204/500

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC	Draw Desc
Image											

☐ 5. Document ID: US 6376616 B1

L12: Entry 5 of 6

File: USPT

Apr 23, 2002

US-PAT-NO: 6376616  
DOCUMENT-IDENTIFIER: US 6376616 B1

TITLE: Pigment dispersants having anionic functionality for use in anodic electrocoat compositions

DATE-ISSUED: April 23, 2002

## INVENTOR-INFORMATION:

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 6 of 6 returned.**☐ 1. Document ID: US 20020056641 A1

L12: Entry 1 of 6

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020056641  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020056641 A1

TITLE: Cured multilayer coating providing improved edge corrosion resistance to a substrate and a method of making same

PUBLICATION-DATE: May 16, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
December, Timothy S.	Rochester	MI	US	

US-CL-CURRENT: [204/484](#); [204/487](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC	Draw Desc
Image											

☐ 2. Document ID: US 20020055576 A1

L12: Entry 2 of 6

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055576  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020055576 A1

TITLE: Pigment dispersants having anionic functionality for use in anodic electrocoat compositions

PUBLICATION-DATE: May 9, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
December, Timothy S.	Rochester	MI	US	

US-CL-CURRENT: [524/423](#); [524/495](#), [528/392](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC	Draw Desc
Image											

☐ 3. Document ID: US 20020055575 A1

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L8</u>	L7 and ((2-isocyanatoethyl adj methacrylate) or (vinyl adj cyanate))	1	<u>L8</u>
<u>L7</u>	L6 and ((vinyl adj monomer) or (vinyl adj cyanate) or (methacrylate and isocyanate) or (2-isocyanatoethyl adj methacrylate))	42	<u>L7</u>
<u>L6</u>	L5 and ((backbone adj polymer) or (substrate adj polymer) or (trunk adj polymer) or (trunk adj base) or (trunk adj chain) or (substract adj polymer))	49	<u>L6</u>
<u>L5</u>	L2 and ((reactive adj isocyanate) or (reactive adj isocyanate adj group))	372	<u>L5</u>
<u>L4</u>	L3 and (isocyanate adj reactive)	0	<u>L4</u>
<u>L3</u>	L2 and ((branch\$2 adj fluoroalkyl) or (side adj chain adj fluoroalkyl) or (grafted adj fluoroalkyl))	11	<u>L3</u>
<u>L2</u>	(graft adj copolymer) or (graft adj polymerization adj process) or grafting	60475	<u>L2</u>
<u>L1</u>	5180766.pn.	2	<u>L1</u>

END OF SEARCH HISTORY

**Set Name Query**  
side by side**Hit Count Set Name**  
result set*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR*

<u>L17</u>	L16 and ((isocyanate and vinyl adj monomer) or (methacrylate and isocyanate) or (2-isocyanatoethyl adj methacrylate))	0	<u>L17</u>
<u>L16</u>	L3 and ((backbone adj polymer) or (substrate adj polymer) or (trunk adj polymer) or (trunk adj base) or (trunk adj chain) or (substrate adj polymer))	2	<u>L16</u>
<u>L15</u>	L3 and ((backbone adj polymer) or (substrate adj polymer) or (trunk adj polymer) or (trunk adj base) or (trunk adj chain) or (substrate adj polymer))	2	<u>L15</u>
<u>L14</u>	L12 and ((water adj protection) or (water adj repellen\$2) or (oil adj repellen\$2))	0	<u>L14</u>
<u>L13</u>	L12 and repellency	0	<u>L13</u>
<u>L12</u>	L11 and ((solvent-based) or (organic adj solvent))	6	<u>L12</u>
<u>L11</u>	L10 and ((isocyanate and vinyl adj monomer) or (methacrylate and isocyanate) or (2-isocyanatoethyl adj methacrylate))	7	<u>L11</u>
<u>L10</u>	L9 and (chain adj transfer adj agent)	7	<u>L10</u>
<u>L9</u>	L7 and (active adj hydrogen)	20	<u>L9</u>
<u>L8</u>	L7 and ((2-isocyanatoethyl adj methacrylate) or (vinyl adj cyanate))	1	<u>L8</u>
<u>L7</u>	L6 and ((vinyl adj monomer) or (vinyl adj cyanate) or (methacrylate and isocyanate) or (2-isocyanatoethyl adj methacrylate))	42	<u>L7</u>
<u>L6</u>	L5 and ((backbone adj polymer) or (substrate adj polymer) or (trunk adj polymer) or (trunk adj base) or (trunk adj chain) or (substrate adj polymer))	49	<u>L6</u>
<u>L5</u>	L2 and ((reactive adj isocyanate) or (reactive adj isocyanate adj group))	372	<u>L5</u>
<u>L4</u>	L3 and (isocyanate adj reactive)	0	<u>L4</u>
<u>L3</u>	L2 and ((branch\$2 adj fluoroalkyl) or (side adj chain adj fluoroalkyl) or (grafted adj fluoroalkyl))	11	<u>L3</u>
<u>L2</u>	(graft adj copolymer) or (graft adj polymerization adj process) or grafting	60475	<u>L2</u>
<u>L1</u>	5180766.pn.	2	<u>L1</u>

END OF SEARCH HISTORY

## WEST

[Generate Collection](#)[Print](#)

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 4394491 A

L8: Entry 1 of 1

File: USPT

Jul 19, 1983

US-PAT-NO: 4394491

DOCUMENT-IDENTIFIER: US 4394491 A

TITLE: Addition polymerizable adduct of a polymeric monoahl and an unsaturated  
isocyanate

DATE-ISSUED: July 19, 1983

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoffman; Dwight K.	Midland	MI		

US-CL-CURRENT: 525/452; 525/404, 525/411, 525/412, 525/440, 525/455, 525/920, 528/75,  
560/160

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc
Image												

[Generate Collection](#)[Print](#)

Terms	Documents
L7 and ((2-isocyanatoethyl adj methacrylate) or (vinyl adj cyanate))	1

Display Format:

-

[Change Format](#)[Previous Page](#)[Next Page](#)